## ABSTRACT OF THE DISCLOSURE

A liquid ejection apparatus comprises a liquid bag for containing liquid to be supplied to a liquid ejection head and is adapted to generate negative pressure in the liquid ejection head by a water head difference between the liquid ejection head and the liquid bag. The liquid bag is arranged so that, of two sides of the liquid bag having the largest areas, the side facing in a direction opposite to the direction of gravity is rigidly held at least partly and the other side is freely movable. The liquid bag is provided with a means for detecting an amount of liquid remaining in the liquid bag by reference to a position of the side facing in the direction of gravity, and the detecting means is adapted to move according to the amount of liquid contained in the liquid bag.

20

10

15